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(71) Applicant : HITACHI CHEM CO LTD

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(72) Inventor : NOMURA MICHIYUKI
MORISHITA YOSHII
TSUDA YOSHIHIRO

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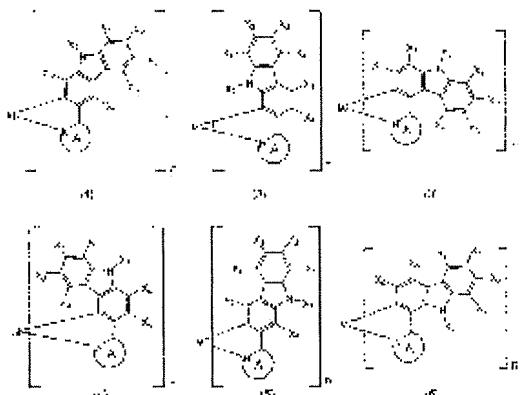
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(54) METAL COORDINATION COMPOUND, POLYMER COMPOSITION, AND ORGANIC ELECTROLUMINESCENT ELEMENT USING THEM

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a metal coordination compound which emits light covering from green to red and has a long drive life, to provide a polymer composition, and to provide an organic electroluminescent element using them.

SOLUTION: The metal coordination compound is represented by any one of formulae (1) to (6) [wherein M is Ir, Rh, Ru, Os, Pd, or Pt; n is 2 or 3; another bidentate ligand is further bonded to M when M is Ir, Rh, Ru, or Os and n is 2; ring A is a cyclic compound containing a nitrogen atom bonded to M; X1 to X7 are each independently a substituent selected from the group consisting of -H, -OH, -R1, -OR2, -SR3, -OCOR4, -COOR5, -SiR6R7R8, -NH2, -NHR9, and -NR10R11]



(wherein R1 to R11 are each an alkyl group, an aryl group, a heteroaryl group, or an aralkyl group), provided that ring A may have a substituent similar to a group defined in X1 to X7].

LEGAL STATUS

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